APPLICANT:

COHEN, Guy

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REMARKS

The present response is intended to be fully responsive to all points of objection and/or rejection raised by the Examiner and is believed to place the application in condition for allowance. Favorable reconsideration and allowance of the application is respectfully requested.

Applicant asserts that the present invention is new, non-obvious and useful. Prompt consideration and allowance of the claims is respectfully requested.

Status of Claims

Claims 1-35 are pending in the application. Claims 1-13, 20 and 26-31 have been allowed. Claims 14-19, 21, 22 and 33 have been objected to. Claims 23-24, 32, 34 and 35 have been rejected. Claims 7, 14-16, 22-25 and 32-35 have been amended.

Claims 7, 23 and 24 have been voluntarily amended to correct typographic or clerical error and explain. This amendment does not narrow the scope of the claim, nor is it being made for reasons of patentability.

Applicants respectfully assert that the amendments to the claims and the specification add no new matter.

Allowable Subject Matter

In the Office Action, the Examiner stated that claims 1-13, 20 and 26-31 were allowed and that claims 14-19, 21, 22 and 33 would be allowable if rewritten or amended to overcome the rejection under 35 U.S.C. § 112, 2nd paragraph.

Claims 14-19, 21, 22 and 33 have been amended to overcome the rejection under 35 U.S.C. § 112, 2nd paragraph. Applicants respectfully assert that this amendment does not narrow the scope of claims 14-19, 21, 22 and 33.

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Remarks to the Specification

The amendments to the specification are editorial in nature and do not introduce new matter.

Claim Objections

In the Office Action, the Examiner objected to claims 14-19, 21, 22 and 33 because of failing to provide proper antecedent basis for the claimed subject matter. Claims 14-16, 22-25 and 33 have been amended in order to cure these objections.

In claim 14 the element "calculating a correlation value" has been amended to "comparing", and the element "high correlation value" has been amended to "low read error rate". Support for both of the emended elements may be found, inter alia, in paragraph [0025] on page 7.

In claim 22 the element "an effective gate voltage" has been amended to "said set of possible reference voltages". Support for the amended element may be found, inter alia, in paragraph [0032] on page 10.

Claims 15-16 and 23-25 have been amended to cure these objections. Accordingly, Applicants request withdrawal of the objection.

CLAIM REJECTIONS

35 U.S.C. § 112 Rejections

In the Office Action, the Examiner rejected claims 23-25, 32, 34 and 35 under 35 U.S.C. § 112, second paragraph, because of failing to provide proper antecedent basis for the claimed subject matter.

Claim 23 was rejected for reciting the element "said adapting" without a sufficient basis for this element in the claim. Claims 24 and 25 were rejected for depending on the rejected claim 23. Accordingly, claim 23 has been amended to depend on claim 22. Claims 32, 34, and 35 were rejected for reciting elements without sufficient basis. Accordingly, claims 32, 34, and 35 have been amended to overcome the antecedent basis deficiencies noted by the Examiner.

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Claims 23-25, 32, 34 and 35 have been amended to overcome the antecedent basis deficiencies noted by the Examiner. It is respectfully asserted that the foregoing amendment merely addresses matters of form and does not change the literal scope of the claim in any way or result in any prosecution history estoppel.

Applicants respectfully assert that these amendments render claims 23-25, 32, 34 and 35 proper under 35 USC § 112 and request that the rejections be withdrawn.

In view of the foregoing amendments and remarks, the pending claims are deemed to be allowable. Their favorable reconsideration and allowance is respectfully requested.

Should the Examiner have any question or comment as to the form, content or entry of this Amendment, the Examiner is requested to contact the undersigned at the telephone number below. Similarly, if there are any further issues yet to be resolved to advance the prosecution of this application to issue, the Examiner is requested to telephone the undersigned counsel.

Please charge any fees associated with this paper to deposit account No. 05-0649.

Respectfully submitted,

Guy Yonay

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Dated: November 14, 2004

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